Outer Continental Shelf Environmental Assessment Program

Final Reports of Principal Investigators

Volume 54 February 1987



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Oceanography and Marine Assessment
Ocean Assessments Division
Alaska Office



U.S. DEPARTMENT OF THE INTERIOR Minerals Management ServiceOCS Study, MMS 87-0021

"Outer Continental Shelf Environmental Assessment Program Final Reports of Principal Investigators" ("OCSEAP Final Reports") continues the series entitled "Environmental Assessment of the Alaskan Continental Shelf Final Reports of Principal Investigators.

It is suggested that sections of this publication be cited as follows:

- Feder, H. M., S. C. Jewett, S. G. McGee, and G. E. M. Matheke. 1981. Distribution, abundance, community structure, and trophic relationships of the benthos of the northeastern Gulf of Alaska from Yakutat Bay to Cross Sound. U.S. Dep. Comber., NOAA, OCSEAP Final Rep. 54(1987):1-206
- Cimberg, R. L., T. Gerrodette, and K. Muzik. 1981. Habitat requirements and expected distribution of Alaska coral. "U.S. Dep. Comber., NOAA, OCSEAP Final Rep. 54(1987): 207-308
- Blackburn, J. E., P. B. Jackson, 1. M. Warner, and M. H. Dick. 1981. A survey for spawning forage fish on the east side of the Kodiak Archipelago by air and boat during spring and summer 1979. U.S. Dep. Comber., NOAA, OCSEAP Final Rep. 54(1987):309-375
- Blackburn, J. E., and P. B. Jackson. 1982. Seasonal composition and abundance of juvenile and adult marine finfish and crab species in the nearshore zone of Kodiak Island's eastside during April 1978 through March 1979. U.S. Dep. Comber., NOAA, OCSEAP Final Rep. 54(1987): 377-570
- Guzman, J. R., and M. T. Myers. 1982. Ecology and behavior of southern hemisphere shearwaters (Genus <u>Puffinus</u>) when over the outer continental shelf of the Gulf of Alaska and Bering Sea during the Northern summer (1975–1976). U.S. Dep. Comber., NOAA, OCSEAP Final Rep. 54(1987):571-682

OCSEAP Final Reports are published by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, Office of Oceanography and Marine Assessment, Ocean Assessments Division, Alaska Office, Anchorage, and primarily funded by the Minerals Management Service, U.S. Department of the Interior, through interagency agreement.

Requests for receipt of OCSEAP Final Reports on a continuing basis should be addressed to:

NOAA-OMA-OAD Alaska Office 701 C Street P.O. Box 56 Anchorage, AK 99513

Outer Continental Shelf Environmental Assessment Program Final Reports of Principal Investigators

VOLUME 54 FEBRUARY 1987

C O N T E N T S

н.	M. FEDER, S. C. JEWETT, S. G. McGEE, and G. E. M. MATHEKE: Distribution, abundance, community structure, and trophic relationships of the benthos of the northeastern Gulf of Alaska from Yakutat Bay to Cross Sound	1
R.	L. CIMBERG, T. GERRODETTE, and K. MUZIK: Habitat requirements and expected distribution of Alaska coral.,	207
J.	E. BLACKBURN, P. B. JACKSON, I. M. WARNER, and M. H. DICK: A survey for spawning forage fish on the east side of the Kodiak Archipelago by air and boat during spring and summer 1979	309
J.	E. BLACKBURN and P. B. JACKSON: Seasonal composition and abundance of juvenile and adult marine finfish and crab species in the nearshore zone of Kodiak Island's eastside during April 1978 through March 1979	377
J.	R. GUZMAN and M. T. MYERS: Ecology and behavior of southern hemisphere shearwaters (Genus <u>Puffinus</u>] when over the outer continental shelf of the Gulf of Alaska and Bering Sea during the Northern summer (1975-1976)	571

OUTER CONTINENTAL SHELF

ENVIRONMENTAL ASSESSMENT PROGRAM

FINAL REPORTS OF PRINCIPAL INVESTIGATORS

Volume 54

February 1987

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Oceanography and Marine Assessment
Alaska Office

U.S. DEPARTMENT OF THE INTERIOR Minerals Management Service
Alaska OCS Region
OCS Study, MMS 87-0021

Anchorage, Alaska

The facts, conclusions, and issues appearing in these reports are based on research results of the Outer Continental Shelf Environmental Assessment Program (OCSEAP), which is managed by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, and funded (wholly or in part) by the Minerals Management Service, U.S. Department of the Interior, through an Interagency Agreement.

Mention of a commercial company or product does not constitute endorsement by the National Oceanic and Atmospheric Administration. Use for publicity or advertising purposes of information from this publication concerning proprietary products \mathbf{Or} the tests of such products is not authorized.

Content of these reports has not been altered from that submitted by the Principal Investigators. In some instances, minor grammatical, spelling, and punctuation errors have been corrected to improve readability; some figures, charts, and tables have been enhanced to improve clarity in reproduction.